



## COMPREHENSIVE REVIEW OF MYCOBACTERIOLOGY SERIES

### LABORATORY LEARNING LINKS WEB/TELECONFERENCE Sponsored by the National Laboratory Training Network

#### DESCRIPTION

Mycobacteriology continues to be an important aspect of public health and clinical laboratory work. While the incidence of tuberculosis has decreased in the United States during the last decade, the disease remains a serious public health threat worldwide. Laboratorians still encounter procedural and technology questions during efforts to isolate, identify and characterize mycobacteria. The first session of this comprehensive review of mycobacteriology explores the epidemiology of mycobacteria, from diseases produced to environmental niches. Updated information on specimen collection and processing will be provided. The second session explores how mycobacteriology laboratories can improve employee safety and implement new technologies intended to improve turnaround times, especially for detection of drug resistance.

#### Epidemiology, Collection, and Processing

##### AGENDA November 29, 2006

- 1:00 p.m. Modern Approaches to Collecting and Processing Specimens
- 1:25 p.m. Epidemiology of Mycobacteria
- 2:00 p.m. Spectrum of Mycobacterial Diseases
- 2:15 p.m. Questions and Answers
- 2:30 p.m. Adjourn

##### FACULTY

**Nancy G. Warren**, Ph.D., Director, Bureau of Laboratories, Pennsylvania Department of Health, Lionville, PA.

##### OBJECTIVES

At the conclusion of this program, participants will be able to

- discuss key points for the successful recovery of mycobacteria; and
- cite examples of diseases produced by mycobacteria.

588-972-06 & 588-973-06

*All times are listed in Eastern Time.  
Please adjust for your time zone.*

#### Safety, Turnaround Time, and Newest Testing Methods

##### AGENDA December 20, 2006

- 1:00 p.m. Modern Approaches to Working Safely in the Mycobacteriology Laboratory
- 1:25 p.m. Turnaround Time: Expectations and Strategies
- 1:45 p.m. Newer Testing Methods: Nucleic Acid Amplification and Molecular Detection of Drug Resistance
- 2:15 p.m. Questions and Answers
- 2:30 p.m. Adjourn

##### FACULTY

**Edward Desmond**, Ph.D., Research Scientist, Microbial Diseases Laboratory, California Department of Health Services, Richmond, CA.

##### OBJECTIVES

At the conclusion of this program, participants will be able to

- discuss major components of a safety program for the mycobacteriology laboratory;
- identify current turnaround time goals and strategies for improving turn around time; and
- identify new methods for rapidly detecting *Mycobacterium tuberculosis* and drug resistance.

588-976-06 & 588-977-06



## COMPREHENSIVE REVIEW OF MYCOBACTERIOLOGY I & II

### LABORATORY LEARNING LINKS WEB/TELECONFERENCE Sponsored by the National Laboratory Training Network

#### SITE REGISTRATION

- **Registration fee per session and per site: \$50.00 (payable to APHL)** This fee covers an unlimited amount of participants at your facility and either one phone and Internet connection for the Web conference OR one phone line for the teleconference.
- Select a Site Facilitator. This needs to be someone who can receive all communication via e-mail.
- Site Facilitator must register your facility online at <http://www.nltn.org/courses> **at least two weeks before each course.** To pay by check, please use the registration form on page three.
- Select either Web conference or teleconference. The Web conference option requires a high-speed Internet connection for the presentation and a telephone line with conferencing capability for the audio. The teleconference option requires only a telephone line with conferencing capability. For further information about the two conference options, please contact our office at the number below.
- **If you do not receive an e-mail confirmation within a day of completing the online registration form, please contact the office immediately at 240-485-2727!**
- The Site Facilitator will receive all necessary instructions and paperwork to make your Web conference a success at least three days before the conference.
- If you have questions about the online registration process please e-mail [registrar@aphl.org](mailto:registrar@aphl.org) or telephone 240-485-2727.

#### CONTINUING EDUCATION

The Association of Public Health Laboratories (APHL) is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.<sup>®</sup> Program. Participants who successfully complete each session will be awarded 1.5 contact hours. Florida continuing education credit will be offered based on 1.5 hours of instruction.

#### AUDIENCE

This intermediate-level series is appropriate for laboratory scientists working in clinical, public health, and academic settings.

#### SPECIAL NEEDS

In compliance with the Americans with Disabilities Act, individuals needing special accommodations should notify the NLTN office at 510-412-1400 at least two weeks prior to the program.

## National Laboratory Training Network Site Registration Form

(Please type or print.)

**You must check the desired format of the event(s) for which you are registering.**

**Event Title**

**Date**

**Choose Format**

Comprehensive Review of Mycobacteriology:

Epidemiology, Collection, and Processing

11/29/2006

☐ Teleconference 972-06

☐ Web 973-06

Safety, Turnaround Time, and Newest Testing Methods

12/20/2006

☐ Teleconference 976-06

☐ Web 977-06

**Site Coordinator Information**

(Dr./Mr./Miss/Ms./Mrs.)

Title:

First Name:

M.I.

Last Name:

Position Title:

State Licensure Number (If applicable):

Employer's Name:

Mailing Address: (Please specify, Employer's or your Home address?)

City

State/Country

Zip/Postal Code

Work Phone Number:

Work Fax Number:

**E-mail Address (REQUIRED):** (E-mail future training event notifications? Please circle, YES or NO.)

(Please review all options in the three categories before circling the one most appropriate in each category.)

**Occupation**

Physician	01
Veterinarian	02
Laboratorian	04
Nursing Professional	05
Sanitarian	06
Administrator	08
Safety Professional	11
Educator	13
Epidemiologist	14
Environmental Scientist	15
Other _____	12

**Type of Employer**

Health Department (State or Territorial)	01
Health Department (Local, City or County)	03
Government (Other Local, not City or County)	04
Centers for Disease Control and Prevention	05
U.S. Food and Drug Administration	09
U.S. Department of Defense	11
Veterans Administration Medical Center/Hospital	12
Other (Federal Employer) _____	15
Foreign	16
College or University	19
Private Industry	21
Private Clinical Laboratory	23
Physician's Office Laboratory/Group Practice	24
Hospital (Private Community)	17
Hospital (Other)	33
State Funded Hospital	25
City or County Funded Hospital	26
Health Maintenance Organization	28
Non-profit	31
Unemployed or Retired	32
Other _____	30

**Education Level** (Highest Completed)

Degree	
Associate	04
Bachelor	05
Masters	06
Doctoral (M.D.)	07
Doctoral (Other than M.D.)	08
Technical/Hospital School	09
Some College	03
High School Graduate	02
Some High School	01
Other _____	10

The information requested on this form is collected under the authority of 42 U.S.C., Section 243 (CDC). The requested information is used only to process your training registration and will be disclosed only upon your written request. Continuing education credit can only be provided when all requested information is submitted. Furnishing the information requested on this form is voluntary.

Public reporting burden for this collection of information is estimated to average five minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not to respond to a collection of information, unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Reports Clearance Officer, 1600 Clifton Road, N.E., MS D-24, Atlanta, Georgia 30333; ATTN: PRA (0920-0017).

CDC 32.1 (Rev. 6/17/2003)

**Payment Information**

**Registration Fee: \$50.00 per site, payable to the Association of Public Health Laboratories (APHL)**

**Registration and refund deadlines are two weeks before each event.**

**Please use this form to register for multiple events or to pay by check. We cannot accept a Purchase Order (PO) number.**

Please mail this registration form along with payment to

Association of Public Health Laboratories

P.O. Box 97117

Baltimore, MD 21279-0017

**To pay by credit card please register online at**

**<http://www.nltm.org/courses>.** If you have questions about the online registration process please send an e-mail to **[registrar@aphl.org](mailto:registrar@aphl.org)** or telephone 240-485-2727.